

Table A-1b. National Air Quality Trends Statistics for Criteria Pollutants, 1991–2000

Statistic	# of Sites	Units	Percentile	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Carbon Monoxide													
2nd Max. 8-hr.	327	ppm	95th	9.8	8.9	8.5	8.3	7.9	7.7	6.9	7.0	6.5	6.1
2nd Max. 8-hr.	327	ppm	90th	8.9	8.0	7.4	7.7	7.0	6.7	6.2	5.8	5.6	5.1
2nd Max. 8-hr.	327	ppm	75th	7.1	6.6	6.2	6.3	5.7	5.2	5.0	4.7	4.5	4.1
2nd Max. 8-hr.	327	ppm	50th	5.3	5.0	4.8	5.0	4.4	4.0	3.8	3.6	3.6	3.2
2nd Max. 8-hr.	327	ppm	25th	4.0	3.8	3.6	3.9	3.3	3.0	2.9	2.8	2.6	2.4
2nd Max. 8-hr.	327	ppm	10th	2.8	2.8	2.8	2.7	2.5	2.3	2.1	2.1	1.9	1.8
2nd Max. 8-hr.	327	ppm	5th	2.1	2.2	2.1	2.1	2.2	1.9	1.7	1.8	1.6	1.4
2nd Max. 8-hr.	327	ppm	Arith. Mean	5.6	5.3	5.0	5.1	4.6	4.3	4.1	3.9	3.7	3.4
Lead													
Max. Qtr. AM	130	ppm	95th	0.38	0.23	0.18	0.16	0.18	0.15	0.12	0.14	0.10	0.11
Max. Qtr. AM	130	ppm	90th	0.19	0.15	0.12	0.12	0.10	0.10	0.09	0.10	0.09	0.09
Max. Qtr. AM	130	ppm	75th	0.08	0.07	0.07	0.06	0.05	0.05	0.05	0.05	0.05	0.05
Max. Qtr. AM	130	ppm	50th	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02
Max. Qtr. AM	130	ppm	25th	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
Max. Qtr. AM	130	ppm	10th	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max. Qtr. AM	130	ppm	5th	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01
Max. Qtr. AM	130	ppm	Arith. Mean	0.08	0.07	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04
Nitrogen Dioxide													
Arith. Mean	234	ppm	95th	0.043	0.038	0.037	0.040	0.039	0.037	0.034	0.035	0.035	0.033
Arith. Mean	234	ppm	90th	0.032	0.032	0.031	0.032	0.031	0.031	0.029	0.030	0.029	0.028
Arith. Mean	234	ppm	75th	0.025	0.024	0.024	0.024	0.023	0.023	0.022	0.023	0.023	0.021
Arith. Mean	234	ppm	50th	0.018	0.018	0.018	0.019	0.018	0.018	0.017	0.017	0.017	0.017
Arith. Mean	234	ppm	25th	0.012	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.013	0.012
Arith. Mean	234	ppm	10th	0.008	0.008	0.008	0.008	0.007	0.007	0.008	0.007	0.008	0.008
Arith. Mean	234	ppm	5th	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.005
Arith. Mean	234	ppm	Arith. Mean	0.019	0.019	0.019	0.020	0.019	0.019	0.018	0.018	0.018	0.017
Ozone													
2nd Max. 1-hr.	738	ppm	95th	0.161	0.152	0.150	0.146	0.149	0.140	0.140	0.147	0.138	0.134
2nd Max. 1-hr.	738	ppm	90th	0.145	0.130	0.135	0.128	0.138	0.125	0.129	0.132	0.130	0.124
2nd Max. 1-hr.	738	ppm	75th	0.121	0.112	0.120	0.116	0.122	0.114	0.115	0.119	0.117	0.111
2nd Max. 1-hr.	738	ppm	50th	0.106	0.100	0.104	0.104	0.110	0.103	0.103	0.109	0.107	0.098
2nd Max. 1-hr.	738	ppm	25th	0.093	0.090	0.091	0.092	0.097	0.093	0.091	0.097	0.096	0.088
2nd Max. 1-hr.	738	ppm	10th	0.081	0.081	0.080	0.082	0.085	0.083	0.080	0.086	0.085	0.079
2nd Max. 1-hr.	738	ppm	5th	0.075	0.075	0.074	0.077	0.078	0.079	0.074	0.076	0.076	0.073
2nd Max. 1-hr.	738	ppm	Arith. Mean	0.111	0.105	0.107	0.106	0.112	0.105	0.104	0.110	0.107	0.100
4th Max. 8-hr.	741	ppm	95th	0.115	0.106	0.108	0.105	0.111	0.102	0.105	0.109	0.105	0.100
4th Max. 8-hr.	741	ppm	90th	0.107	0.096	0.100	0.097	0.106	0.097	0.099	0.102	0.101	0.095
4th Max. 8-hr.	741	ppm	75th	0.095	0.087	0.090	0.090	0.095	0.090	0.091	0.095	0.094	0.087
4th Max. 8-hr.	741	ppm	50th	0.084	0.079	0.081	0.082	0.088	0.082	0.082	0.087	0.087	0.080
4th Max. 8-hr.	741	ppm	25th	0.073	0.072	0.073	0.074	0.077	0.075	0.074	0.078	0.077	0.072
4th Max. 8-hr.	741	ppm	10th	0.063	0.065	0.063	0.067	0.068	0.068	0.065	0.069	0.068	0.064
4th Max. 8-hr.	741	ppm	5th	0.057	0.059	0.058	0.061	0.062	0.062	0.059	0.062	0.061	0.057
4th Max. 8-hr.	741	ppm	Arith. Mean	0.085	0.081	0.082	0.083	0.087	0.083	0.082	0.086	0.086	0.079

Table A-1b. National Air Quality Trends Statistics for Criteria Pollutants, 1991–2000 (continued)

Statistic	# of Sites	Units	Percentile	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<i>PM₁₀</i>													
Annual Avg.	886	µg/m ³	95th	46.4	41.8	41.5	40.0	38.9	37.9	38.1	35.8	39.7	39.0
Annual Avg.	886	µg/m ³	90th	40.1	36.7	36.6	36.4	34.9	33.6	33.0	31.9	33.2	32.9
Annual Avg.	886	µg/m ³	75th	33.8	31.3	30.5	30.7	29.1	27.7	27.2	27.5	27.6	27.5
Annual Avg.	886	µg/m ³	50th	28.2	26.1	25.9	25.6	24.1	23.1	23.1	23.4	23.2	23.1
Annual Avg.	886	µg/m ³	25th	23.6	22.2	21.1	21.1	19.9	19.4	19.5	19.7	19.1	19.1
Annual Avg.	886	µg/m ³	10th	18.5	18.0	17.4	16.9	15.9	16.1	16.1	15.3	15.4	15.2
Annual Avg.	886	µg/m ³	5th	16.1	15.2	14.3	14.1	13.3	13.8	13.4	13.4	13.5	12.7
Annual Avg.	886	µg/m ³	Arith. Mean	29.4	27.3	26.6	26.4	25.1	24.2	24.1	23.8	24.1	23.8
<i>Sulfur Dioxide</i>													
Arith. Mean	457	ppm	95th	0.0167	0.0167	0.0159	0.0151	0.0118	0.0113	0.0111	0.0107	0.0105	0.0106
Arith. Mean	457	ppm	90th	0.0145	0.0130	0.0130	0.0125	0.0104	0.0100	0.0094	0.0096	0.0091	0.0090
Arith. Mean	457	ppm	75th	0.0101	0.0096	0.0095	0.0094	0.0077	0.0075	0.0073	0.0074	0.0070	0.0065
Arith. Mean	457	ppm	50th	0.0076	0.0070	0.0068	0.0067	0.0051	0.0054	0.0052	0.0050	0.0049	0.0048
Arith. Mean	457	ppm	25th	0.0046	0.0044	0.0041	0.0039	0.0033	0.0033	0.0032	0.0033	0.0032	0.0030
Arith. Mean	457	ppm	10th	0.0023	0.0023	0.0023	0.0022	0.0019	0.0019	0.0019	0.0020	0.0020	0.0019
Arith. Mean	457	ppm	5th	0.0017	0.0015	0.0016	0.0016	0.0014	0.0015	0.0014	0.0014	0.0015	0.0015
Arith. Mean	457	ppm	Arith. Mean	0.0081	0.0076	0.0074	0.0072	0.0057	0.0057	0.0056	0.0055	0.0053	0.0051
2nd Max. 24-hr.	457	ppm	95th	0.0800	0.0800	0.0730	0.0760	0.0590	0.0610	0.0530	0.0540	0.0530	0.0470
2nd Max. 24-hr.	457	ppm	90th	0.0640	0.0630	0.0600	0.0640	0.0490	0.0480	0.0470	0.0450	0.0430	0.0410
2nd Max. 24-hr.	457	ppm	75th	0.0440	0.0450	0.0420	0.0460	0.0340	0.0330	0.0330	0.0320	0.0290	0.0300
2nd Max. 24-hr.	457	ppm	50th	0.0320	0.0310	0.0290	0.0330	0.0230	0.0230	0.0230	0.0220	0.0210	0.0210
2nd Max. 24-hr.	457	ppm	25th	0.0210	0.0200	0.0190	0.0200	0.0160	0.0150	0.0150	0.0150	0.0140	0.0140
2nd Max. 24-hr.	457	ppm	10th	0.0110	0.0110	0.0110	0.0100	0.0080	0.0090	0.0080	0.0080	0.0080	0.0080
2nd Max. 24-hr.	457	ppm	5th	0.0080	0.0070	0.0070	0.0060	0.0060	0.0060	0.0050	0.0050	0.0060	0.0060
2nd Max. 24-hr.	457	ppm	Arith. Mean	0.0364	0.0353	0.0340	0.0358	0.0267	0.0267	0.0257	0.0247	0.0238	0.0233